

17281 U.S. PTO
022304

Practitioner's Docket No. 791_200 CON

PATENT

NEW APPLICATION TRANSMITTAL

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on *February 23, 2004* under "EXPRESS MAIL" mailing label number EV 406992163 US.

Gina M. Husak

Transmitted herewith for filing is the patent application of:

Inventor 1: Yukihiisa TAKEUCHI
Address: c/o NGK Insulators, Ltd.
2-56, Suda-Cho, Mizuho-Ku
Nagoya, Aichi-Prefecture 467-8530
Japan

Inventor 2: Hiroyuki TSUJI
Address: c/o NGK Insulators, Ltd.
2-56, Suda-Cho, Mizuho-Ku
Nagoya, Aichi-Prefecture 467-8530
Japan

Inventor 3: Kazumasa KITAMURA
Address: c/o NGK Insulators, Ltd.
2-56, Suda-Cho, Mizuho-Ku
Nagoya, Aichi-Prefecture 467-8530
Japan

Inventor 4: Yoshinori YAMAGUCHI
Address: c/o NGK Insulators, Ltd.
2-56, Suda-Cho, Mizuho-Ku
Nagoya, Aichi-Prefecture 467-8530
Japan

**TITLE: MULTILAYER BOARD HAVING PRECISE PERFORATIONS AND CIRCUIT
SUBSTRATE HAVING PRECISE THROUGH-HOLES**

16834 U.S. PTO
10/784558

022304

1. Type of Application

This is a request for filing a **CONTINUATION APPLICATION** under 37 C.F.R. §1.53(b), of pending prior application:

Serial No.:	10/160,998	Prior Art Unit:	2827
Filed:	June 3, 2002	Prior Examiner:	Patel, Ishwarbhai B.
Title:	MULTILAYER BOARD HAVING PRECISE PERFORATIONS AND CIRCUIT SUBSTRATE HAVING PRECISE THROUGH-HOLES		
Inventors:	Yukihisa TAKEUCHI, Hiroyuki TSUJI, Kazumasa KITAMURA and Yoshinori YAMAGUCHI		

2. Papers Enclosed

A. Required for filing date under 37 CFR 1.53(b) (Regular) are:

<u>28</u>	Page(s) of Specification
<u>6</u>	Page(s) of Claims
<u>1</u>	Page(s) of Abstract
<u>14</u>	Sheets of Formal Drawings (Figs. 1-15)

B. Other Papers Enclosed

☒ A Patent Application Bibliographic Data Sheet
☒ A copy of the Declaration and Power of Attorney from the prior application
☒ Information Disclosure Statement
☒ Form PTO-1449

3. The correspondence address for this application is: Customer No. 025191

Telephone: (315) 233-8300
 Facsimile: (315) 233-8320

Electronic Mail: Ivanantwerp@burrandbrown.com

4. Nonpublication Request Under 35 U.S.C. 122(b)(2)(B)(i)

- ☐ Applicants hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.
- ☐ Applicants hereby request that the attached application **not** be published under 35 U.S.C. 122(b).

5. Relate Back

A. 35 U.S.C. 120, 121 and 365(c)

☒ Priority of said prior application(s) is hereby claimed under 35 U.S.C. §120.

<u>Application Number</u>	<u>Filing Date</u>	<u>Relationship</u>
10/160,998	June 3, 2002	Parent

B. 35 U.S.C. 119 Priority Claim for Prior Application

☒ Priority of foreign application(s) is hereby claimed under 35 U.S.C. §119 as follows:

<u>Country</u>	<u>Application Number</u>	<u>Filing Date</u>
Japan	2001-172188	June 7, 2001

☒ A certified copy of the above corresponding foreign application was filed in prior application Serial No. 10/160,998 on June 3, 2002.

☐ A certified copy of the above corresponding foreign application is filed herewith.

6. Assignment

The prior application is assigned of record to NGK Insulators, Ltd. at Reel 012966, Frame(s) 0063 (recorded June 3, 2002).

7. The filing fee has been calculated as shown below:

Basic Filing fee (37 CFR §1.16(a))				\$ 770.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims	20 - 20 =		× \$ 18.00	
Independent Claims	6 - 3 =	3	× \$ 86.00	\$ 258.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$290.00	
TOTAL OF ABOVE CALCULATIONS =				\$ 1,028.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				
TOTAL FEES DUE =				\$ 1,028.00

**8. Payment of Fees and Authorization to Charge Additional Fees
or Credit Overpayment**

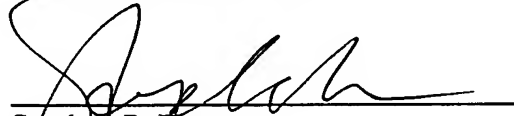
☒ A check in the amount of \$1,028.00 is enclosed.

☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1446. A duplicate copy of this sheet is enclosed.

☒ Any additional filing fees required under 37 CFR 1.16.

☒ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,



Stephen P. Burr
Reg. No. 32,970

February 23, 2004

Date

SPB/NB/gmh

BURR & BROWN
P.O. Box 7068
Syracuse, NY 13261-7068

Customer No.: 025191
Telephone: (315) 233-8300
Facsimile: (315) 233-8320